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3558 U.S.  
P.O.

UTILITY  
PATENT APPLICATION  
TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No. 112025-0112

First Inventor or Application Identifier Darren Kerr et al.

Title TIGHTLY COUPLED SOFTWARE PROTOCOL DECODE WITH HARDWARE  
DATA ENCRYPTION

Express Mail Label No. EL024419622US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility application contents

ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1. ☒ \*Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)  
2. ☒ Specification [Total Pages 28]  
(preferred arrangement set forth below)

- Descriptive title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

3. ☒ Drawing(s) [Total Sheets 8]

4. Oath or Declaration [Total Pages 2]

- a. ☒ Newly executed (original copy)  
b. ☐ Copy from a prior application (37 C.F.R. § 1.63(d))  
(for continuation/divisional with Box 17 completed)  
[Note Box 5 below]

DELETION OF INVENTOR(S)

- i. ☐ Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

5. ☐ Incorporation By Reference (useable if Box 4b is checked)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered to be part of the disclosure of the accompanying application and is hereby incorporated by reference therein

6. ☐ Microfiche Computer Program (Appendix)  
7. Nucleotide and/or Amino Acid Sequence Sequences Submission  
(if applicable, all necessary)  
a. ☐ Computer Readable Copy  
b. ☐ Paper Copy (Identical to computer copy)  
c. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

8. ☒ Assignment Papers (cover sheet & document(s))  
37 C.F.R. § 3.73(b)  
9. ☐ Statement (when there is ☒ Power of Attorney an assignee)  
10. ☐ English Translation Document (if applicable)  
11. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations  
12. ☐ Preliminary Amendment  
13. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)  
14. ☐ Statement(s) ☐ Statement filed in prior application, Status still proper and desired  
(PTO/SB/09-12)  
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)  
16. ☐ Other:

NOTE FOR ITEMS 1 & 14: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment.

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: /

Prior application Information: Examiner

Group/Art Unit:

18. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or ☒ Correspondence address below

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Charles J. Barbas

Registration No. (Attorney/Agent)

32,959

Signature

*Charles J. Barbas*

Date

December 18, 1998

# FEE TRANSMITTAL

Patent fees are subject to annual revision on October 1.

These are the fees effective October 1, 1997.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$) 800

## Complete If Known

Application Number	Not Yet Assigned
Filing Date	December 18, 1998
First Named Inventor	Darren Kerr et al.
Examiner Name	Not Yet Assigned
Group / Art Unit	Not Yet Assigned
Attorney Docket No.	112025-0112

### METHOD OF PAYMENT (check one)

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 03-1237

Deposit Account Name Cesari and McKenna, LLP

- ☒ Charge Any Additional Fee Required Under 37 C.F.R. §§1.16 and 1.17 ☐ Charge the Issue Fee Set in 37 C.F.R. §§1.18 at the Mailing of the Notice of Allowance

2. ☒ Payment Enclosed:

☒ Check ☐ Money Order ☐ Other

### FEE CALCULATION

#### 1. BASIC FILING FEE

Large Entity Code	Small Entity Code	Fee (\$)	Fee Description	Fee Paid
101	790 201	395	Utility filing fee	760
106	330 206	165	Design filing fee	
107	540 207	270	Plant filing fee	
108	790 208	395	Reissue filing fee	
114	150 214	75	Provisional filing fee	
SUBTOTAL (1) (\$)				760

#### 2. EXTRA CLAIM FEES

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid
20	3		20**	0	0
			3**	0	0
					0

\*\*or number previously paid, if greater; For Reissues, see below

#### Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee (\$)	Fee (\$)	Fee Description
103	22	203	11	Claims in excess of 20
102	82	202	41	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	82	209	41	**Reissue independent claims over original patent
110	22	210	11	**Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) (\$)				0

### FEE CALCULATION (continued)

#### 3. ADDITIONAL FEES

Large Entity Code	Small Entity Code	Fee (\$)	Fee Description	Fee Paid
105	130 205	65	Fee Surcharge - late filing fee or oath	
127	50 227	25	Surcharge - late provisional filing fee or cover sheet	
139	130 139	130	Non-English Specification	
147	2,520 147	2,520	For filing a request for reexamination	
112	920 112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840 113	1,840*	Requesting publication of SIR after Examiner action	
115	110 215	55	Extension for reply within first month	
116	400 216	200	Extension for reply within second month	
117	950 217	475	Extension for reply within third month	
118	1,510 218	755	Extension for reply within fourth month	
128	2,060 128	1,030	Extension for reply within fifth month	
119	310 219	155	Notice of Appeal	
120	310 220	155	Filing a brief in support of an appeal	
121	270 221	135	Request for oral hearing	
138	1,510 138	1,510	Petition to institute a public use proceeding	
140	110 240	55	Petition to revive - unavoidable	
141	1,320 241	660	Petition to revive - unintentional	
142	1,320 242	660	Utility Issue fee (or reissue)	
143	450 243	225	Design Issue fee	
144	670 244	335	Plant Issue fee	
122	130 122	130	Petitions to the Commissioner	
123	50 123	50	Petitions related to provisional applications	
126	240 126	240	Submission of Information Disclosure Stmt	
581	40 581	40	Recording each patent assignment per property (times number of properties)	40
146	790 246	395	Filing a submission after final rejection (37 CFR 1.129(a))	
149	790 249	395	For each additional invention to be examined (37 CFR 1.129(b))	
Other (specify)				
Other fee (specify)				
SUBTOTAL (3) (\$)				40

\*Reduced by Basic Filing Fee Paid

### SUBMITTED BY

Typed or Printed Name Charles J. Barbas

Signature

*Charles J. Barbas*

Date

December 18, 1998

### Complete (if applicable)

Reg. Number

32,959

Deposit Account User ID

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

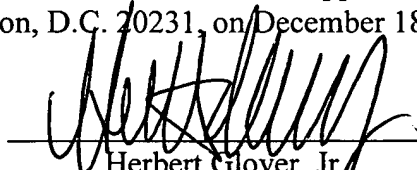
In Re The Application of: )  
Darren Kerr et al. )  
Serial No.: Not Yet Assigned ) Examiner: Not Yet Assigned  
Filed: December 18, 1998 ) Art Unit: Not Yet Assigned  
For: TIGHTLY COUPLED SOFTWARE )  
PROTOCOL DECODE WITH  
HARDWARE DATA ENCRYP-  
TION )

Cesari and McKenna, LLP  
30 Rowes Wharf  
Boston, MA 02110  
December 18, 1998

**CERTIFICATE OF EXPRESS MAILING**

“Express Mail” Mailing-Label Number: EL024419622US

I hereby certify that the following United States Patent Application (28 pages), Informal Drawings (8 sheets), Declaration and Power of Attorney, Assignment, Recordation Form Cover Sheet, Check in the amount of \$760.00, Check in the amount of \$40.00, Utility Application Transmittal Letter and Fee Transmittal are being deposited with the United States Postal Service “Express Mail Post Office to Addressee” service pursuant to 37 C.F.R. §1.10 in an envelope addressed to the Box Patent Application, Assistant Commissioner for Patents, Washington, D.C. 20231, on December 18, 1998.

  
Herbert Glover, Jr.

